

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No. MER-011CN/112917.144

Applicant(s): Ralph M. Steinman, et al.) Art Unit: 1644
Serial No.: 10/047,072) Examiner: Ewoldt, Gerald R.
Filed: January 15, 2002) Conf. No. 7452
Entitled: METHOD AND COMPOSITIONS FOR OBTAINING MATURE DENDRITIC CELLS) Cust. No. 23483

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATION UNDER 37 CFR § 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

April 16, 2004

Date of Signature and of Mail Deposit

Rochelle Capobianco
Rochelle Capobianco

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.97, Applicants submit the references listed on the attached PTO 1449 Form in the above-referenced Application. The submission of this statement is not a representation that a search has been made, or that no better or other relevant art exists. This submission is also not an admission that any of the cited references is, or is considered to be, material to patentability or that any of the cited references constitutes prior art to the invention. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Copies of the references listed on the attached PTO 1449 Forms which were submitted to and/or cited by the Patent Office in the parent application Serial No. 08/600,483, filed February 12, 1996, from which the above application claims priority, are not enclosed pursuant to 37 C.F.R. § 1.98(d). However, copies can be provided upon request.

It is respectfully requested that the information above be expressly considered and that the publications be made of record therein by the Examiner's initialing and returning the attached PTO 1449 Form in the next communication from the Patent Office. In addition, Applicants request that the above information appear among the "References Cited" on any patent to issue from the Application.

As this paper is being filed together with a Request for Continued Examination, no fee is believed to be due. However, in the event a fee is due, the Commissioner is authorized to charge any fee deficiency or credit any overpayment to Deposit Account No. 08-0219.

Respectfully submitted,
HALE AND DORR LLP

A handwritten signature in dark ink, appearing to read "N, H. L. H.", is written over a horizontal line.

Nancy C. Wilker, Ph.D.
Attorney for Applicant
Registration No. 43,545

Date: April 16, 2004

60 State Street
Boston, MA 02109
(617) 526-6048
(617) 526-5000 (fax)



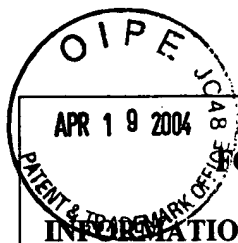
Subt. For, PTO-1449				Docket Number 112917.144CN		Application Number 10/047,072	
INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)				Applicant Steinman, et al.			
				Filing Date January 15, 2002		Group Art Unit 1644	
Sheet	1	OF	1				

U.S. Patent Documents						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

Foreign Patent Documents							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)	
	O'Doherty, et al., "HUMAN BLOOD CONTAINS TWO SUBSETS OF DENDRITIC CELLS, ONE IMMUNOLOGICALLY MATURE AND THE OTHER IMMATURE," Immunology 82:487-493 (1994)
	Sallusto F., et al., "EFFICIENT PRESENTATION OF SOLUBLE ANTIGEN BY CULTURED HUMAN DENDRITIC CELLS IS MAINTAINED BY GRANULOCYTE/MACROPHAGE COLONY STIMULATING FACTOR PLUS INTERLEUKIN 4 AND DOWNREGULATED BY TUMOR NECROSIS FACTOR ALPHA," J. Exp. Med. 179(4):1109-1118 (1994)

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	



APR 19 2004

FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:
2016-4011US2Serial No.:
08/600,483Applicant:
RALPH M. STEINMAN, ET AL.Filing Date:
February 12, 1996Group Art Unit:
1644

U.S. PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Name	Class	Sub-Class	Filing Date
	5,529,903	25/06/96	Kübler, et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Patent Number	Issue Date	Country	Class	Sub-Class	Translation
	42 28 389 A1	02/03/94	Germany			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	0 584 715 A2	02/03/94	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	0 584 715 B1	23/12/98	Europe			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

OTHER DOCUMENTS (Including Author, Title, Date, etc.)

	Tseng, Jerming et al., "SUPPRESSION OF TUMOR NECROSIS FACTOR- α , INTERLEUKIN-1 β , INTERLEUKIN-6 AND GRANULOCYTE-MONOCYTE COLONY STIMULATING FACTOR SECRETION FROM HUMAN MONOCYTES BY AN EXTRACT OF PORIA COCOS", Chinese J. Microbiol. Immunol., 25:1-11 (1992)
	Peters, Anke M.J., et al., "CYTOKINE SECRETION BY PERIPHERAL BLOOD MONOCYTES FROM HUMAN IMMUNODEFICIENCY VIRUS-INFECTED PATIENTS IS NORMAL", Clin. Immunol. and Immunopathol., 61:343-352 (1991)
	Jenkins, John K., et al., "INTERLEUKIN 1 RECEPTOR ANTAGONIST PRODUCTION IN HUMAN MONOCYTES IS INDUCED BY IL-1 α , IL-3, IL-4 AND GM-CSF", Cytokine 5:407-415, (1993)
	Xu, Hui et al., "DENDRITIC CELLS DIFFERENTIATED FROM HUMAN MONOCYTES THROUGH A COMBINATION OF IL-4, GM-CSF AND IFN- γ EXHIBIT PHENOTYPE AND FUNCTION OF BLOOD DENDRITIC CELLS", Dendritic Cells in Fundamental and Clinical Immunology Vol., 2, Plenum Press, New York 1995
	Radmayr C. et al., "DENDRITIC ANTIGEN-PRESENTING CELLS FROM THE PHERIPHERAL BLOOD OF RENAL-CELL-CARCINOMA PATIENTS", Int. J. Cancer 63:627-632 (1995)
	Milarski, Kim L. et al., "EXPRESSION OF HUMAN HSP70 DURING THE SYNTHETIC PHASE OF THE CELL CYCLE", Proc. Natl. Acad. Sci. USA, 83:9517-9521 (1986)
	Najar, H.M. et al, "DIFFERENTIATION OF HUMAN MONOCYTES INTO ACCESSORY CELLS AT SERUM-FREE CONDITIONS", Eur. J. Cell Biol; 51(2):339-46 (1990)

Examiner

Date Considered

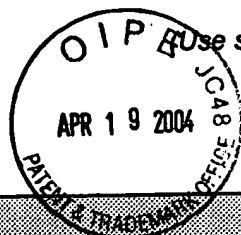
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609.
Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to Applicant.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

Use several sheets if necessary)

APPLICANT(S)
RALPH M. STEINMAN, ET AL.FILING DATE (PARENT APPLICATION)
February 12, 1996GROUP ART UNIT
1648

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUBCLASS	FILING DATE IF APPROPRIATE
	4,861,589	8/29/89	JU			
	5,851,756	12/22/98	STEINMAN, ET AL.			
	5,994,126	11/30/99	STEINMAN, ET AL.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUBCLASS	TRANSLATION	
					YES	NO
WO 95/34638	12/21/95	WIPO				
WO 95/28479	10/26/95	WIPO			X (Abstract only)	
WO 95/15340	6/8/95	WIPO				
WO 94/02156	2/3/94	WIPO				
WO 93/20185	10/14/93	WIPO				
WO 91/13632	9/19/91	WIPO				
EP 0 546 787 A2	6/16/93	EPO			X	
EP 0 563 485 A1	10/6/93	EPO			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

	PERIPHERAL STEM CELLS MADE TO WORK - <u>THE LANCET</u> , MARCH 14, 1992, VOL. 339, PP. 648-649
	ABBAS, ET AL. "UPTAKE & PROCESSING OF EXTRACELLULAR PROTEIN ANTIGENS BY ANTIGEN-PRESENTING CELLS", W.B. SAUNDERS CO. 1991 AT 124-126
	ABBAS, ET AL. <u>CELLULAR AND MOLECULAR IMMUNOLOGY</u> , W.B. SAUNDERS CO. PHILADELPHIA 1991 AT 117
	ABBAS, ET AL. <u>CELLULAR AND MOLECULAR IMMUNOLOGY</u> , SECOND EDITION, SECTION IV, PP 328-329
	Agger, R., et al. "TWO POPULATIONS OF SPLENIC DENDRITIC CELLS DETECTED WITH M342, A NEW MONOCLONAL TO AN INTRACELLULAR ANTIGEN OF INTERDIGITATING DENDRITIC CELLS AND SOME B LYMPHOCYTES", <u>J. Leukocyte Biol.</u> 52:34-42, July 1992
	AKAGAWA, ET AL. "IL-4 STIMULATES THE GENERATION OF DENDRITIC CELLS AND MULTINUCLEATED GIANT CELLS FROM HUMAN MONOCYTES", <u>LYMPHOKINE AND CYTOKINE RESEARCH</u> , VOL. 12, NO. 5, OCTOBER, 1993, P. 326

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2	PARENT APPLICATION SERIAL NO. 08/600,483
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.	
				FILING DATE (PARENT APPLICATION) February 12, 1996	
				GROUP ART UNIT 1648	
			ALIJAGIC, ET AL. "DENDRITIC CELLS GENERATED FROM PERIPHERAL BLOOD TRANSFECTED WITH HUMAN TYROSINASE INDUCE SPECIFIC T CELL ACTIVATION." <u>EUR. J. IMMUNOLOGY</u> , VOL. 25, PP. 3100-3107, 1995		
			ARDAVIN, ET AL. "THYMIC DENDRITIC CELLS AND T CELLS DEVELOP SIMULTANEOUSLY IN THE THYMUS FROM A COMMON PRECURSOR POPULATION", <u>NATURE</u> 362:761-763, APRIL 1993		
			AUSTYN, J.M., "LYMPHOID DENDRITIC CELLS" <u>IMMUNOLOGY</u> , VOL. 62, PP. 161-170, 1987.		
			AUSTYN, ET AL. "ISOLATION AND CHARACTERIZATION OF DENDRITIC CELLS FROM MOUSE HEART AND KIDNEY." <u>J. IMMUNOLOGY</u> , VOL. 152, PP 2401-2410, 1994.		
			BAKER, ET AL. <u>BASIC AND CLINICAL IMMUNOLOGY</u> , SEVENTH ED., APPELTON & LANGE, NORWALK, CT, 1991		
			BAKKER, ET AL. "GENERATION OF ANTIMELANOMA CYTOTOXIC T LYMPHOCYTES FROM HEALTHY DONORS AFTER PRESENTATION OF MELANOMA-ASSOCIATED ANTIGEN-DERIVED EPTIOPEs BY DENDRITIC CELLS IN VITRO." <u>CANCER RESEARCH</u> , VOL. 55, PP. 5330-5334, NOVEMBER 15, 1995.		
			BARFOOT, ET AL. "SOME PROPERTIES OF DENDRITIC MACROPHAGES FROM PERIPHERAL LYMPH", <u>IMMUNOLOGY</u> 1989, VOL. 68, NO. 2. PP. 233-239		
			BENDER, ET AL. "IMPROVED METHODS FOR THE GENERATION OF DENDRITIC CELLS FROM NONPROLIFERATING PROGENITORS IN HUMAN BLOOD", <u>J. IMMUNOL.</u> , VOL. 196, 1996, PP. 121-135		
			BENDER, ET AL. "INACTIVATED INFLUENZA VIRUS, WHEN PRESENTED ON DENDRITIC CELLS, ELICIT HUMAN CD8 ⁺ CYTOLYTIC T CELL RESPONSES." <u>J. EXP. MED.</u> , VOL. 182, PP. 1663-1671, DECEMBER, 1995.		
			BHARDWAJ, ET AL. "INFLUENZA VIRUS-INFECTED DENDRITIC CELLS STIMULATE STRONG PROLIFERATIVE AND CYTOLYTIC RESPONSES FROM HUMAN CD8 ⁺ T CELLS." <u>J. CLIN. INVEST.</u> VOL. 94, PP.797-807, AUGUST, 1994.		
			BHARDWAJ, ET AL. "IL-12 IN CONJUNCTION WITH DENDRITIC CELLS ENHANCES ANTI-VIRAL, CD8 ⁺ CTL RESPONSES IN VITRO." <u>J. CLIN INVEST.</u> , VOL. 98, NO. 3, PP. 715-722, AUGUST, 1996.		
			BOOG, ET AL. "ABOLITION OF SPECIFIC IMMUNE RESPONSE DEFECT BY IMMUNIZATION WITH DENDRITIC CELLS", <u>NATURE</u> , NOVEMBER 7, 1985, VOL. 318, PP. 59-62		
			BOON "TUMOR ANTIGENS RECOGNIZED BY T LYMPHOCYTES", <u>ANNUAL REVIEW OF IMMUNOLOGY</u> , VOL. 12, PAGES 337-365, 1994		
			BOON, ET AL. "TUMOR ANTIGENS RECOGNIZED BY CYTOLYTIC T LYMPHOCYTES: PRESENT PERSPECTIVES FOR SPECIFIC IMMUNOTHERAPY", <u>INT. J. CANCER</u> , VOL. 54, PP. 177-180 (1993)		
			BOWERS, ET AL. "DIFFERENTIATION OF DENDRITIC CELLS IN CULTURES OF RAT BONE MARROW CELLS", <u>J. EXP. MED.</u> , APRIL, 1986, VOL. 163, PP. 872-883		
			BRITZ, ET AL. "SPECIALIZED ANTIGEN-PRESENTING CELLS, SPLENIC DENDRITIC CELLS AND PERITONEAL-EXUDATE CELLS INDUCED BY MYCOBACTERIA ACTIVATE EFFECTOR T CELLS THAT ARE RESISTANT TO SUPPRESSION", <u>J. EXP. MED.</u> , MAY, 1982, VOL. 155, PP. 1344-1356		

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S)
RALPH M. STEINMAN, ET AL.FILING DATE (PARENT APPLICATION)
February 12, 1996GROUP ART UNIT
1648

BUJDOSO, ET AL. "CHARACTERIZATION OF SHEEP AFFERENT LYMPH DENDRITIC CELLS AND THEIR ROLE IN ANTIGEN CARRIAGE", J. EXP. MED., OCTOBER, 1989, VOL. 170, PP. 1285-1302

CAUX, ET AL. "RECENT ADVANCES IN THE STUDY OF DENDRITIC CELLS AND FOLLICULAR DENDRITIC CELLS." IMMUNOLOGY TODAY, VOL. 16, NO. 1, PP. 2-4, 1995.

CAUX, ET AL. "HUMAN DENDRITIC LANGERHANS CELLS GENERATED IN VITRO FROM CD34+ PROGENITORS CAN PRIME NAIVE CD4+ T CELLS AND PROCESS SOLUBLE ANTIGEN." J. IMMUNOLOGY, VOL. 155, PP. 5427-5435, 1995.

CAUX, ET AL. "CD34+ HEMATOPOIETIC PROGENITORS FROM HUMAN CORD BLOOD DIFFERENTIATE ALONG TWO INDEPENDENT DENDRITIC CELL PATHWAYS IN RESPONSE TO GM-CSF+ TNF α ." J. EXP. MED. VOL. 184, PP. 695-706, AUGUST, 1996.

CAUX, ET AL. "GM AND TNF- α COOPERATE IN THE GENERATION OF DENDRITIC LANGERHANS CELLS", NATURE, VOL. 360, NOVEMBER 19, 1992, PP. 258-261

CAUX, ET AL. "TUMOR NECROSIS FACTOR-ALPHA STRONGLY POTENTIATES INTERLEUKIN-3 AND GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR-INDUCED PROLIFERATION OF HUMAN CD34+ HEMATOPOIETIC PROGENITOR CELLS", BLOOD, JUNE 15, 1990, VOL. 75, NO. 12, PP. 2292-2298

CHATTERJEE, ET AL. "IDIOTYPIC ANTIBODY IMMUNOTHERAPY OF CANCER", CANCER IMMUNOLOGY IMMUNOTHERAPY, VOL. 38, PP.75-82 (1994)

COHEN, ET AL. "MURINE EPIDERMAL LANGERHANS CELLS AND SPLENIC DENDRITIC CELLS PRESENT TUMOR-ASSOCIATED ANTIGENS TO PRIMED T CELLS", EUR. J. IMMUNOL., VOL. 24, PP. 315-319, (1994)

COULIE, ET AL. "GENES CODING FOR ANTIGENS RECOGNIZED ON HUMAN TUMORS BY AUTOLOGOUS CYTOLYTIC T LYMPHOCYTES", ANN.NY.ACAD.SCI., VOL.690, AUGUST 12, 1993, PP. 113-119

CROWLEY, ET AL. "DENDRITIC CELLS ARE THE PRINCIPAL CELLS IN MOUSE SPLEEN BEARING IMMUNOGENIC FRAGMENTS OF FOREIGN PROTEINS", J. EXP. MED., VOL. 172, NO. 1, JULY 1, 1990, PP. 383-386

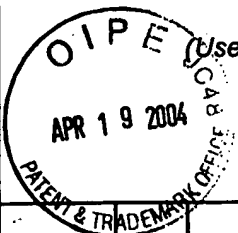
DE BRUIJN, ET AL. "MECHANISMS OF INDUCTION OF PRIMARY VIRUS-SPECIFIC CYTOTOXIC T LYMPHOCYTE RESPONSES", EUR. J. IMMUNOL., Vol. 22, 1992, PP. 3013-3020

DECHEMA BIOTECHNOL. CONF. 4 (PT. A LECT. DECHEMA ANNU. MEET. BIOTECH. 8TH, 1990), PP. 181-184

DEDHAR, ET AL. "HUMAN GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR IS A GROWTH FACTOR ACTIVE ON A VARIETY OF CELL TYPES OF NONHEMOPOIETIC ORIGIN", PRAC. NATL. ACAD. SCI. USA, VOL. 85, DECEMBER 1988, PP. 9253-9257

DISIS, ET AL. "IN VITRO GENERATION OF HUMAN CYTOLYTIC T-CELLS SPECIFIC FOR PEPTIDES DERIVED FROM THE HER-2/neu PROTOGENE PROTEIN", CANCER RESEARCH, VOL. 54, FEBRUARY 15, 1994, PP.1071-1076

DRANOFF, ET AL. "VACCINATION WITH IRRADIATED TUMOR CELLS ENGINEERED TO SECRETE MURINE GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR STIMULATES POTENT, SPECIFIC, AND LONG-LASTING ANTI-TUMOR IMMUNITY", PRAC. NATL. ACAD. SCI., USA, VOL. 90, NO. 8, APRIL 1993, PP. 3539-3543

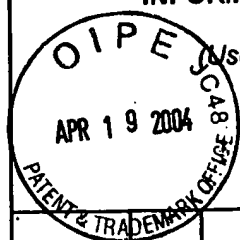
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. 08/600,483	
INFORMATION DISCLOSURE CITATION 				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
			EAVES "PERIPHERAL BLOOD STEM CELLS REACH NEW HEIGHTS", <u>BLOOD</u> , VOL. 82, NO. 7, OCTOBER 1, 1993, PP 1957-1959				
			EDGINGTON "HOW SWEET IT IS: SELECTIN-MEDIATING DRUGS", <u>BIOTECHNOLOGY</u> , VOL. 10, APRIL 1992, PP. 383-389				
			EGNER, ET AL. "THE PHENOTYPE OF FRESHLY ISOLATED AND CULTURED HUMAN BONE MARROW ALLOSITMULATORY CELLS: POSSIBLE HETEROGENEITY IN BONE MARROW DENDRITIC CELL POPULATIONS." <u>IMMUNOLOGY</u> VOL. 85, PP. 611-615.				
			EMA, ET AL. "COLONY FORMATION OF CLONE-SORTED HUMAN HEMATOPOIETIC PROGENITORS", <u>BLOOD</u> , VOL. 75, NO. 10, MAY 15, 1990, PP 1941-1946				
			FAUSTMAN, ET AL. "PREVENTION OF REJECTION OF MURINE ISLET ALLOGRAFTS BY PRETREATMENT WITH ANTI-DENDRITIC CELL ANTIBODY", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 81, JUNE 1984, PP. 3864-3868				
			FISHER, ET AL. "NEOPLASTIC CELLS OBTAINED FROM HODGKIN'S DISEASE FUNCTION AS ACCESSORY CELLS FOR MITOGEN-INDUCED HUMAN T CELL PROLIFERATIVE RESPONSES", <u>J. IMMUNOL.</u> , VOL. 132, NO. 5, MAY, 1984, PP. 2672-2677				
			FLAMAND, ET AL. "MURINE DENDRITIC CELLS PULSED IN VITRO WITH TUMOR ANTIGEN INDUCE TUMOR RESISTANCE IN VIVO", <u>EUR. J. IMMUNOL.</u> , VOL. 24, 1994, PP. 605-610				
			FLAMAND, ET AL. "VACCINATION WITH TUMOR ANTIGEN-PULSED DENDRITIC CELLS INDUCES IN VIVO RESISTANCE TO A B CELL LYMPHOMA", <u>ADV. EXP. MED. BIOL.</u> , VOL. 329, 1993, PP. 611-615				
			FOSSUM, S. "LYMPH-BORNE DENDRITIC LEUCOCYTES DO NOT RECIRCULATE, BUT ENTER THE LYMPH NODE PARACORTEX TO BECOME INTERDIGITATING CELLS." <u>SCAND. J. IMMUNOL.</u> VOL. 27, PP. 97-104, (1988).				
			FRANCOTTE, ET AL. "ENHANCEMENT OF ANTIBODY RESPONSE BY MOUSE DENDRITIC CELLS PULSED WITH TOBACCO MOSAIC VIRUS OR WITH RABBIT ANTIDIOTYPIC ANTIBODIES RAISED AGAINST A PRIVATE RABBIT IDIOTYPE", <u>PRAC. NATL. ACAD. SCI. USA</u> , VOL. 82, DECEMBER 1985, PP. 8149-8152				
			FREUDENTHAL, ET AL. "THE DISTINCT SURFACE OF HUMAN BLOOD DENDRITIC CELLS, AS OBSERVED AFTER AN IMPROVED ISOLATION METHOD", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 87, OCTOBER 1990, PP. 7698-7702				
			GAUGLER, ET AL. "HUMAN GENE IMAGE-3 CODES FOR AN ANTIGEN RECOGNIZED ON A MELANOMA BY AUTOLOGOUS CYTOLYTIC T LYMPHOCYTES", <u>J. EXP. MED.</u> , VOL. 179, MARCH 1994, PP. 921-930				
			GAUR, ET AL. "AMELIORATION OF AUTOIMMUNE ENCEPHALOMYELITIS BY MYELIN BASIC PROTEIN SYNTHETIC PEPTIDE-INDUCED ANERGY," <u>SCIENCE</u> , VOL. 258, NOVEMBER 27, 1992, PP. 1491-1494				
			GERDES, ET AL. "CELL CYCLE ANALYSIS OF A CELL PROLIFERATION-ASSOCIATED HUMAN NUCLEAR ANTIGEN DEFINED BY THE MONOCLONAL ANTIBODY Ki-67", <u>J. IMMUNOL.</u> , VOL. 133, NO. 4, OCTOBER 1984, PP. 1710-1715				
			GRABSTEIN, ET AL. "CLONING OF A T CELL GROWTH FACTOR THAT INTERACTS WITH THE β CHAIN OF THE INTERLEUKIN-2 RECEPTOR, <u>SCIENCE</u> " 264:965-966, MAY 13, 1994				

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



APPLICANT(S)

RALPH M. STEINMAN, ET AL.

FILING DATE (PARENT APPLICATION)

February 12, 1996

GROUP ART UNIT

1648

HAM, ET AL. "CELL CULTURE", METHODS IN ENZYMOLOGY, VOLUME LVIII, PAGES 44-93 (1979)

HEUFLE, ET AL. "GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND INTERLEUKIN 1 MEDIATE THE MATURATION OF MURINE EPIDERMAL LANGERHANS CELLS INTO POTENT IMMUNOSTIMULATORY DENDRITIC CELLS", J. EXP. MED., VOL. 167, FEBRUARY 1988, PP. 700-705

HOLT, ET AL. "MHC CLASS II ANTIGEN-BEARING DENDRITIC CELLS IN PULMONARY TISSUES OF THE RAT", J. EXP. MED., VOL. 167, FEBRUARY 1988, PP. 262-274

HOSAKA, ET AL. "ENTRY OF HEAT-INACTIVATED INFLUENZA VIRUS AND INDUCTION OF TARGET SUSCEPTIBILITY TO CYTOTOXIC T CELL-MEDIATED LYSIS", VIRUS RES., SUPPL. 1, P. 56, 1985

HSU, ET AL. "VACCINATION OF PATIENTS WITH B-CELL LYMPHOMA USING AUTOLOGOUS ANTIGEN-PULSED DENDRITIC CELLS", NATURE MEDICINE, VOL. 2, NO. 1, JANUARY 1996, PP. 52-58

HUANG, ET AL. "ROLE OF BONE MARROW-DERIVED CELLS IN PRESENTING MHC CLASS 1-RESTRICTED TUMOR ANTIGENS", SCIENCE, VOL. 264, MAY 13, 1994, PP. 961-965

INABA, ET AL. "GRANULOCYTES, MACROPHAGES AND DENDRITIC CELLS ARISE FROM A COMMON MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II-NEGATIVE PROGENITOR IN MOUSE BONE MARROW", PROC. NATL. ACAD. SCI. USA, VOL. 90, NO. 7, APRIL 1, 1993, PP. 3038-3042

INABA, ET AL. "IDENTIFICATION OF PROLIFERATING DENDRITIC CELL PRECURSORS IN MOUSE BLOOD", J. EXP. MED., VOL. 175, MAY, 1992, PP. 1157-1167

Inaba, K., et al. "DENDRITIC CELLS ARE CRITICAL ACCESSORY CELLS FOR THYMUS-DEPENDENT ANTIBODY RESPONSES IN MOUSE AND MAN," *Proc. Natl. Acad. Sci. USA* 80:6041-6045, 1983

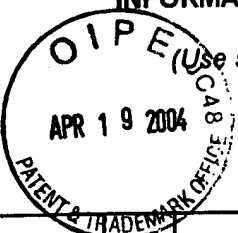
INABA, ET AL. "DENDRITIC CELLS PULSED WITH PROTEIN ANTIGENS IN VITRO CAN PRIME ANTIGEN-SPECIFIC, MHC-RESTRICTED T CELLS IN SITU", J. EXP. MED., AUGUST, 1990, VOL. 172, PP. 631-640

INABA, ET AL. "PROTEIN SPECIFIC HELPER T-LYMPHOCYTE FORMATION INITIATED BY DENDRITIC CELLS", SCIENCE, AUGUST 2, 1985, VOL. 229, NO. 4713, PP. 475-479

INABA, ET AL. "CLUSTERING OF DENDRITIC CELLS, HELPER T LYMPHOCYTES, AND HISTOCOMPATIBLE B CELLS DURING PRIMARY ANTIBODY RESPONSES IN VITRO", J. EXP. MED., September, 1984, VOL. 160, NO. 3, PP. 858-876

INABA, ET AL. "PROPERTIES OF MEMORY T LYMPHOCYTES ISOLATED FROM THE MIXED LEUKOCYTE REACTION", PRAC. NATL. ACAD. SCI. USA, November 1985, VOL. 82, NO. 22, PP. 7686-7690

INABA, ET AL. "RESTING AND SENSITIZED T LYMPHOCYTES EXHIBIT DISTINCT STIMULATORY (ANTIGEN-PRESENTING CELL) REQUIREMENTS FOR GROWTH AND LYMPHOKINE RELEASE", J. EXP. MED., VOL. 160, NO. 6, DECEMBER 1, 1984, PP. 1717-1735

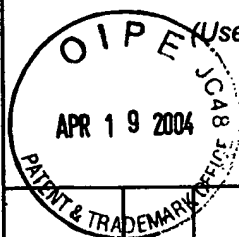
FORM PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) 	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 2016-4011US2	PARENT APPLICATION SERIAL NO. 08/600,483
		APPLICANT(S) RALPH M. STEINMAN, ET AL.	
		FILING DATE (PARENT APPLICATION) February 12, 1996	GROUP ART UNIT 1648
		INABA, ET AL. "THE FUNCTION OF Ia+ DENDRITIC CELLS AND Ia DENDRITIC CELL PRECURSORS IN THYMOCYTE MITOGENESIS TO LECTIN AND LECTIN PLUS INTERLEUKIN 1" <u>J. EXP. MED.</u> , VOL. 167, JANUARY 1988, PP. 149-162	
		INABA, ET AL. "GENERATION OF LARGE NUMBERS OF DENDRITIC CELLS FROM MOUSE BONE MARROW CULTURES SUPPLEMENTED WITH GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR", <u>J. EXP. MED.</u> , VOL. 176, NO. 6, DECEMBER, 1992, PP. 1693-1702	
		IWAI, ET AL. "ACCEPTANCE OF MURINE THYROID ALLOGRAFTS BY PRETREATMENT OF ANTI-Ia ANTIBODY OR ANTI-DENDRITIC CELL ANTIBODY IN VITRO", <u>TRANSPLANTATION</u> , VOL. 47, NO. 1, JANUARY, 1989, PP. 45-49	
		JANSEN, ET AL. "INHIBITION OF HUMAN MACROPHAGE COLONY FORMATION BY INTERLEUKIN-4", <u>J. EXP. MED.</u> , VOL. 170, AUGUST 1989, PP. 577-582	
		JENSEN, P.E. "PROTEIN SYNTHESIS IN ANTIGEN PROCESSING", <u>THE JOURNAL OF IMMUNOLOGY</u> , VOL. 141, NO. 8, OCTOBER 15, 1988, PP 2545-2550	
		JONULEIT, ET AL. "KERATINOCYTE-DERIVED IL-15 ENHANCES ACCESSORY FUNCTION OF EPIDERMAL LANGERHANS CELLS AND BLOOD DENDRITIC CELLS." <u>J. INVEST. DERMATOL.</u> VOL. 105, P. 861, DECEMBER 1995	
		KAMPGEN, ET AL. CLASS II MAJOR HISTOCOMPATIBILITY COMPLEX MOLECULES OF MURINE DENDRITIC CELLS: SYNTHESIS, SIALYLATION OF INVARIANT CHAIN, AND ANTIGEN PROCESSING CAPACITY ARE DOWNREGULATED UPON CULTURE, <u>PROC. NATL. ACAD. SCI. USA</u> 88:3014 1991	
		KATZ, ET AL. "EPIDERMAL LANGERHANS CELLS ARE DERIVED FROM CELLS ORIGINATING IN BONE MARROW, <u>NATURE</u> , 282:324 1979	
		KASHIHARA-SAWAMI, ET AL. "A MONOCLONAL ANTIBODY SPECIFICALLY REACTIVE TO HUMAN LANGERHANS CELLS," <u>J. INVEST. DERMATOL.</u> 87:602-607 1986	
		KLINKERT, ET AL. "ACCESSORY AND STIMULATING PROPERTIES OF DENDRITIC CELLS AND MACROPHAGES ISOLATED FROM VARIOUS RAT TISSUES", <u>J. EXP. MED.</u> , VOL. 156, NO. 1, JULY 1, 1982, PP. 1-19	
		KNIGHT, ET AL. "INDUCTION OF IMMUNE RESPONSES IN VIVO WITH SMALL NUMBERS OF VEILED (DENDRITIC) CELLS", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 80, NO. 19, OCTOBER, 1983, PP. 6032-6035	
		KNIGHT, ET AL. "ROLE OF VEILED CELLS IN LYMPHOCYTE ACTIVATION", <u>EUROPEAN J. IMMUNOLOGY</u> , VOL. 12, (1982), PP. 1057-1060	
		KOCH, ET AL. "TUMOR NECROSIS FACTOR α MAINTAINS THE VIABILITY OF MURINE EPIDERMAL LANGERHANS CELLS IN CULTURE, BUT IN CONTRAST TO GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR, WITHOUT INDUCING THEIR FUNCTIONAL MATURATION, <u>J. EXP. MED.</u> , VOL. 171, NO. 1, JANUARY 1, 1990, PP. 159-171	
		KOCH, ET AL. "HIGH LEVEL IL-12 PRODUCTION BY MURINE DENDRITIC CELLS: UPREGULATION VIA MHC CLASS II AND CD40 MOLECULES AND DOWNREGULATION BY IL-4 AND IL-10." <u>EXP. MED.</u> , VOL. 184, PP. 741-746, 1996	

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S)
RALPH M. STEINMAN, ET AL.FILING DATE (PARENT APPLICATION)
February 12, 1996GROUP ART UNIT
1648

KRAAL, ET AL. LANGERHANS' CELLS VEILED CELLS, AND INTERDIGITATING CELLS IN THE MOUSE RECOGNIZED BY A MONOCLONAL ANTIBODY", J. EXP. MED., VOL. 163, NO. 4, APRIL 1, 1986, PP. 981-997

LANZAVECCHIA "IDENTIFYING STRATEGIES FOR IMMUNE INTERVENTION", SCIENCE, VOL. 260, MAY 14, 1993, PP. 937-944

LARSEN, ET AL. "REGULATION OF IMMUNOSTIMULATORY FUNCTION AND COSTIMULATORY MOLECULE (B7-1 AND B7-2) EXPRESSION ON MURINE DENDRITIC CELLS", AM. ASSOC. IMMUNOLOGISTS, 1994, PP. 5207-5219

LECHLER, ET AL. "RESTORATION OF IMMUNOGENICITY TO PASSENGER CELL-DEPLETED KIDNEY ALLOGRAFTS BY THE ADDITION OF DONOR STRAIN DENDRITIC CELLS", J. EXP. MED., VOL. 155, JANUARY, 1982, PP. 31-41

LENZ, ET AL. "HUMAN AND MURINE DERMIS CONTAIN DENDRITIC CELLS", J. CLIN. INVEST. 92:2587-2596 DECEMBER 1993

LI, ET AL. "PRIMING WITH RECOMBINANT INFLUENZA VIRUS FOLLOWED BY ADMINISTRATION OF RECOMBINANT VACCINE VIRUS INDUCES CD8+ T-COIL-MEDIATED PROTECTIVE IMMUNITY AGAINST MALARIA, PROC. NATL. ACAD. SCI. USA, VOL. 90, PP 5214-5218, June 1993

LI, ET AL. "INFLUENZA A VIRUS TRANSFECTIONS WITH CHIMERIC HEMAGGLUTININS CONTAINING EPITOPES FROM DIFFERENT SUBTYPES", JOURNAL OF VIROLOGY, VOL. 66, NO. 1., PP. 399-404, JANUARY 1992

LU, ET AL. "PROPAGATION OF DENDRITIC CELL PROGENITORS FROM NORMAL MOUSE LIVER USING GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND THEIR MATURATIONAL DEVELOPMENT IN THE PRESENCE OF TYPE-1 COLLAGEN", J. EXP. MED., Vol. 179, June, 1994, PP. 1823-1834

LUYTJES, ET AL. "AMPLIFICATION, EXPRESSION, AND PACKAGING OF A FOREIGN GENE BY INFLUENZA VIRUS", CELL, VOL 59, PP 1107-1113, DECEMBER 22, 1989

MACATONIA, ET AL. "PRIMARY STIMULATION BY DENDRITIC CELLS INDUCES ANTIVIRAL PROLIFERATIVE AND CYTOTOXIC T CELL RESPONSES IN VITRO", JOURNAL OF EXPERIMENTAL MEDICINE, VOL. 169, APRIL 1989, PP. 1255-1264

MACATONIA, ET AL. "LOCALIZATION OF ANTIGEN ON LYMPH NODE DENDRITIC CELLS AFTER EXPOSURE TO THE CONTACT SENSITIZER FLUORESCIEIN ISOTHIOCYANATE", J. EXP. MED., VOL 166, DECEMBER 1987, PP 1654-1667

MACPHERSON "LYMPHOID DENDRITIC CELLS: THEIR LIFE HISTORY AND ROLES IN IMMUNE RESPONSES", RES. IMMUNOLOGY 1989, VOL. 140, PP. 877-926

MACPHERSON, ET AL. "PROPERTIES OF LYMPH-BORNE (VEILED) DENDRITIC CELLS IN CULTURE", IMMUNOLOGY, VOL. 68, NO. 1, SEPTEMBER 1989, PP. 108-113

MACPHERSON, ET AL. "ENDOTOXIN-MEDIATED DENDRITIC CELL RELEASE FROM THE INTESTINE: CHARACTERIZATION OF RELEASED DENDRITIC CELLS AND TNF DEPENDENCE.", J. IMMUNOL. VOL. 154, PP. 1317-1322, (1995)

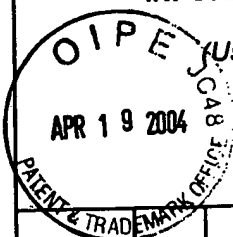
MARKOWICZ "GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR PROMOTES DIFFERENTIATION AND SURVIVAL OF HUMAN PERIPHERAL BLOOD DENDRITIC CELLS IN VITRO", J. CLIN. INVEST., VOL. 85(3), MARCH 1990, P.955-961

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S)
RALPH M. STEINMAN, ET AL.FILING DATE (PARENT APPLICATION)
February 12, 1996GROUP ART UNIT
1648

MASON, ET AL. "THE RAT MIXED LYMPHOCYTE REACTION: ROLES OF A DENDRITIC CELL IN INTESTINAL LYMPH AND T-CELL SUBSETS DEFINED BY MONOCLONAL ANTIBODIES", IMMUNOLOGY, VOL. 44, NO. 1, SEPTEMBER, 1981, PP. 75-87

MAYANI, ET AL. "CYTOKINE-INDUCED SELECTIVE EXPANSION AND MATURATION OF ERYTHROID VERSUS MYELOID PROGENITORS FROM PURIFIED CORD BLOOD PRECURSOR CELLS", BLOOD, VOL. 81, NO. 12, JUNE 15, 1993, PP. 3252-3258

MAYORDOMO, ET AL. "BONE MARROW-DERIVED DENDRITIC CELLS PULSED WITH SYNTHETIC TUMOUR PEPTIDES ELICIT PROTECTIVE AND THERAPEUTIC ANTITUMOR IMMUNITY." NATURE MED. VOL.1, NO. 12, PP. 1297-1302, DECEMBER, 1995.

MCWILLIAM, ET AL. "RAPID DENDRITIC CELL RECRUITMENT IS A HALLMARK OF THE ACUTE INFLAMMATORY RESPONSE AT MUCOSAL SURFACES." J. EXP. MED. VOL. 179, PP. 1331-1336, APRIL 1994.

METCALF, D. "THE MOLECULAR CONTROL OF BLOOD CELLS", HARVARD UNIV. PRESS, CAMBRIDGE, MA 1988

METCALF, D. "THE MOLECULAR CONTROL OF CELL DIVISION DIFFERENTIATION COMMITMENT AND MATURATION IN HAEMOPOIETIC CELLS", NATURE, 339:27-30 1989

METCALF, D. "CONTROL OF GRANULOCYTES AND MACROPHAGES: MOLECULAR, CELLULAR AND CLINICAL ASPECTS", SCIENCE 254:529-533 1991

Metlay, J.P., et al. "THE DISTINCT LEUKOCYTE INTEGRINS OF MOUSE SPLEEN DENDRITIC CELLS AS IDENTIFIED WITH NEW HAMSTER MONOCLONAL ANTIBODIES", J. Exp. Med. 171:1753-1771, 1990

MOHAMADZADEH, ET AL. "FUNCTIONAL AND MORPHOLOGICAL CHARACTERIZATION OF 4F7⁺ SPLEEN ACCESSORY DENDRITIC CELLS", INTER. IMMUN. 5/6:615-624

MUKHERJI, ET AL. "INDUCTION OF ANTIGEN-SPECIFIC CYTOLYTIC T CELLS IN SITU IN HUMAN MELANOMA BY IMMUNIZATION WITH SYNTHETIC PEPTIDE-PULSED AUTOLOGOUS ANTIGEN PRESENTING CELLS", PROC. NATL. ACAD. SCI., USA, VOL. 92, PP. 8078-8082, AUGUST 1995

NAITO, ET AL. "MACROPHAGE FACTORS WHICH ENHANCE THE MIXED LEUKOCYTE REACTION INITIATED BY DENDRITIC CELLS", JOURNAL OF IMMUNOLOGY, VOL. 142, NO. 6, MARCH 15, 1989, PP. 1834-1839

NONACS, ET AL. "MECHANISMS OF MOUSE SPLEEN DENDRITIC CELL FUNCTION IN THE GENERATION OF INFLUENZA-SPECIFIC, CYTOLYTIC T LYMPHOCYTES", J. EXP. MED., Vol. 176, August 1992, PP. 519-529

Nussenzweig, M.C., et al. "A MONOCLONAL ANTIBODY SPECIFIC FOR MOUSE DENDRITIC CELLS", Proc. Natl. Acad. Sci. USA 79:161-165, 1982

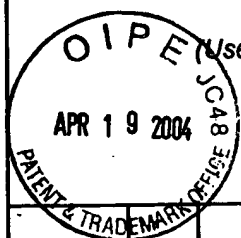
O'DOHERTY, ET AL. "HUMAN BLOOD CONTAINS TWO SUBSETS OF DENDRITIC CELLS, ONE IMMUNOLOGICALLY MATURE AND THE OTHER IMMATURE", IMMUNOLOGY, VOL. 82, 1994, PP. 487-493

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



APPLICANT(S)

RALPH M. STEINMAN, ET AL.

FILING DATE (PARENT APPLICATION)

February 12, 1996

GROUP ART UNIT

1648

OSBAND, ET AL. "PROBLEMS IN THE INVESTIGATIONAL STUDY AND CLINICAL USE OF CANCER IMMUNOTHERAPY", IMMUNOLOGY TODAY, VOL. 11. NO. 6, PP. 103-105, 1990PAGLIA, ET AL. "IMMORTALIZED DENDRITIC CELL LINE FULLY COMPETENT IN ANTIGEN PRESENTATION INITIATES PRIMARY T CELL RESPONDED IN VIVO", J. EXP. MED., VOL. 178, DECEMBER, 1993, PP. 1893-1901PEACE, ET AL. "LYSIS OF RAS ONCOGENE-TRANSFORMED CELLS BY SPECIFIC CYTOTOXIC T LYMPHOCYTES ELICITED BY PRIMARY IN VITRO IMMUNIZATION WITH MUTATED RAS PEPTIDE", J. EXP. MED., VOL. 179, FEBRUARY 1994, PP. 473-479PUGH, ET AL. "CHARACTERIZATION OF NONLYMPHOID CELLS DERIVED FROM RAT PERIPHERAL LYMPH", J. EXP. MED., 157:1758 1983PURÉ, ET AL. "ANTIGEN PROCESSING BY EPIDERMAL LANGERHANS CELLS CORRELATES WITH THE LEVEL OF BIOSYNTHESIS OF MAJOR HISTOCOMPATIBILITY COMPLEX CLASS II MOLECULES AND EXPRESSION OF INVARIANT CHAIN", J. EXP. MED., 172:1459 1990.PETTENGELL, ET AL. "PERIPHERAL BLOOD PROGENITOR CELL TRANSPORTATION IN LYMPHOMA AND LEUKEMIA USING A SINGLE APHERESIS", BLOOD, VOL. 82, NO. 12, DECEMBER 15, 1993, PP. 3770-3777REID, ET AL. "INTERACTIONS OF TUMOR NECROSIS FACTOR WITH GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR AND OTHER CYTOKINES IN THE REGULATION OF DENDRITIC CELL GROWTH IN VITRO FROM EARLY BIPOTENT CD34 PROGENITORS IN HUMAN BONE MARROW", J. IMMUNOLOGY, VOL. 149, NO. 8, OCTOBER 15, 1992, PP. 2681-2688RIA, ET AL. "IMMUNOLOGICAL ACTIVITY OF COVALENTLY LINKED T-CELL EPITOPES", NATURE, VOL. 343, JANUARY 25, 1990, PP. 381-383RIDDELL, ET AL. "RESTORATION OF VIRAL IMMUNITY OF IMMUNODEFICIENT HUMANS BY THE ADAPTIVE TRANSFER OF T CELL CLONES", SCIENCE, Vol. 257, PP. 238-241, July 10, 1992ROAKE, ET AL. "DENDRITIC CELL LOSS FROM NON-LYMPHOID TISSUES AFTER SYSTEMIC ADMINISTRATION OF LIPOPOLYSACCHARIDE, TUMOR NECROSIS FACTOR, AND INTERLEUKIN-1." J. EXP. MED. VOL. 181, PP. 2237-2247, JUNE 1995

ROMANI, ET AL. "GENERATION OF MATURE DENDRITIC CELLS FROM HUMAN BLOOD. AN IMPROVED METHOD WITH SPECIAL REGARD TO CLINICAL APPLICABILITY", VOL. 196, 1996, PP. 137-151

ROMANI, ET AL. "PROLIFERATING DENDRITIC CELL PROGENITORS IN HUMAN BLOOD", J. EXP. MED., VOL. 180, JULY 1994, PP. 83-93ROMANI, ET AL. "CULTURED HUMAN LANGERHANS CELLS RESEMBLE LYMPHOID DENDRITIC CELLS IN PHENOTYPE AND FUNCTION." J. INVEST. DERMATOL. VOL. 93, NO. 5, PP. 600-609, NOVEMBER 1989.ROMANI, ET AL. "PRESENTATION OF EXOGENOUS PROTEIN ANTIGENS BY DENDRITIC CELLS TO T CELL CLONES: INTACT PROTEIN IS PRESENTED BEST BY IMMATURE, EPIDERMAL LANGERHANS CELLS", J. EXP. MED., 169:1169 1989RUDENSKY, ET AL. "SEQUENCE ANALYSIS OF PEPTIDES BOUND TO MHC CLASS II MOLECULES", NATURE, VOL. 353, OCTOBER 17, 1991, PP. 622-627

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. 08/600,483	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
			SALLUSTO, ET AL. "DENDRITIC CELLS USE MACROPINOCYTOSIS AND THE MANNOSE RECEPTOR TO CONCENTRATE ANTIGEN IN THE MHC CLASS II COMPARTMENT: DOWNREGULATION BY CYTOKINES AND BACTERIAL PRODUCTS." <u>J. EXP. MED.</u> VOL. 182, PP. 389-400, AUGUST 1995.				
			SANTIAGO-SCHWARZ, F., Belilos, E., Diamond, B., Carsons SE: (1992) "TNF IN COMBINATION WITH GM-CSF ENHANCES THE DIFFERENTIATION OF NEONATAL CORD BLOOD STEM CELLS INTO DENDRITIC CELLS AND MACROPHAGES." <u>J. Leukocyte Biol.</u> 52:274-281 1992				
			SCHEICHER, ET AL. "DENDRITIC CELLS FROM MOUSE BONE MARROW: IN VITRO DIFFERENTIATION USING LOW DOSES OF RECOMBINANT GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR", <u>J. IMMUNOLOGICAL METHODS</u> , VOL. 154, NO. 2, PP. 253-264, 1992				
			SCHULER, ET AL. "EPIDERMAL LANGERHANS CELLS REPRESENT IMMATURE DENDRITIC CELLS THAT MUST DIFFERENTIATE PRIOR TO EXPRESSING THEIR FULL IMMUNOLOGIC POTENTIAL", <u>INVESTIG. DERMATOLOGY</u> , VOL. 87, NO. 1, JULY 1, 1986, P.116				
			SCHULER, ET AL. "MURINE EPIDERMAL LANGERHANS CELLS MATURE INTO POTENT IMMUNOSTIMULATORY DENDRITIC CELLS IN VITRO", <u>J. EXP. MED.</u> , VOL.161, MARCH 1985, PP. 526-546				
			SHIMONKEVITZ, ET AL. "ANTIGEN RECOGNITION BY H-2 RESTRICTED CELLS", <u>J. EXP. MED.</u> , VOL. 158, AUGUST 1983, PP. 303-316				
			SORNASSE, ET AL. "LOADING OF DENDRITIC CELLS WITH ANTIGEN IN VITRO OR IN VIVO BY IMMUNOTARGETING CAN REPLACE THE NEED FOR ADJUVANT", <u>ADV. EXP. MED. BIOL.</u> , VOL. 329, 1993, PP. 299-303				
			STEINMAN "THE DENDRITIC CELL SYSTEM AND ITS ROLE IN IMMUNOGENICITY", <u>ANN. REV. IMMUNOLOGY</u> , VOL. 9, PP.271-296, 1991				
			STEINMAN, IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 149, NO. 2, PP. 1-16, JANUARY 1979				
			STEINMAN, ET AL. "MATURATION AND MIGRATION OF CUTANEOUS DENDRITIC CELLS", <u>INVESTIG. DERMATOLOGY</u> , VOL. 105, NO. 1, JULY 1995, P.2S-7S				
			STEINMAN, ET AL. "IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 137, NO. 4, APRIL 1, 1973, PP. 1142-1162				
			STEINMAN "DENDRITIC CELLS: CLINICAL ASPECTS", <u>28TH FORUM IN IMMUNOLOGY</u> , ROCKEFELLER UNIV. AND IRGINGTON INST. FOR MED. RES., PP. 911-924				
			STEINMAN, ET AL. "IDENTIFICATION OF A NOVEL CELL TYPE IN PERIPHERAL LYMPHOID ORGANS OF MICE", <u>J. EXP. MED.</u> , VOL. 139NO. 6, JUNE 1, 1974, PP. 1431-1445				
			Steinman, R.M., et al. "LYMPHOID DENDRITIC CELLS ARE POTENT STIMULATORS OF THE PRIMARY MIXED LEUKOCYTE REACTION IN MICE", <u>Proc. Natl. Acad. Sci. USA</u> 75:5132-5136				
			SPRECHER, ET AL. "ROLE OF LANGERHANS CELLS AND OTHER DENDRITIC CELLS IN VIRAL DISEASES", <u>ARCH VIROL</u> 132:1-28 1993				
			SZABOLCS, ET AL. "EXPANSION OF IMMUNOSTIMULATORY DENDRITIC CELLS AMONG THE MYELOID PROGENY OF HUMAN CD34+ BONE MARROW PRECURSORS CULTURED WITH C-KIT LIGAND, GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR, AND TNF- $\alpha^{1,2}$ ". <u>J. IMMUNOL.</u> VOL. 154, PP. 5851-5861, (1995)				

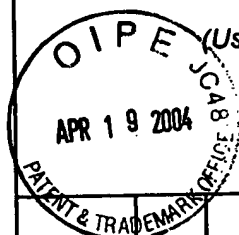


FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
2016-4011US2PARENT APPLICATION SERIAL NO.
08/600,483

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



APPLICANT(S)

RALPH M. STEINMAN, ET AL.

FILING DATE (PARENT APPLICATION)

February 12, 1996

GROUP ART UNIT

1648

TEUNISSEN, "HUMAN EPIDERMAL LANGERHANS CELLS UNDERGO PROFOUND MORPHOLOGIC AND PHENOTYPICAL CHANGES DURING IN VITRO CULTURE", J. INVEST. DERMATOL., 94:166 1990

THOMAS, ET AL. "ISOLATION AND CHARACTERIZATION OF HUMAN PERIPHERAL BLOOD DENDRITIC CELLS." J. IMMUNOL. VOL. 150, NO. 3, PP. 821-834, FEBRUARY 1, 1993

THOMAS, ET AL. "RHEUMATOID SYNOVIUM IS ENRICHED IN MATURE ANTIGEN-PRESENTING DENDRITIC CELLS." J. IMMUNOL. VOL. 152, PP. 2613-2623, (1993)

TROPPEMAIR, ET AL. "INTERFERONS (IFNs) AND TUMOR NECROSIS FACTORS (TNFs) IN T CELL-MEDIATED IMMUNE RESPONSES AGAINST ALLOANTIGENS. I. INFLUENCE ON THE ACTIVATION OF RESTING AND ANTIGEN-PRIMED T CELLS", IMMUNOBIOLOGY, VOL. 176, PP. 236-254, (1988)

VAKKILA, ET AL. "HUMAN PERIPHERAL BLOOD-DERIVED DENDRITIC CELLS DO NOT PRODUCE INTERLEUKIN 1 α , INTERLEUKIN 1 β , OR INTERLEUKIN 6", SCAND. J. IMMUNOLOGY, VOL. 31, NO. 3, PP. 345-352, 1990

VAN VOORHIS, ET AL. "HUMAN DENDRITIC CELLS", J. EXP. MED. VOL. 155, APRIL, 1982, PP. 1172-1187

WANG, ET AL. "HUMAN TUMOR ANTIGENS RECOGNIZED BY T LYMPHOCYTES: IMPLICATIONS FOR CANCER THERAPY", JOURNAL OF LEUKOCYTE BIOLOGY, VOL. 60, PP. 296-309, SEPTEMBER 1996

WITMER-PACK, ET AL. "GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR IS ESSENTIAL FOR THE VIABILITY AND FUNCTION OF CULTURED MURINE EPIDERMAL LANGERHANS CELLS", J. EXP. MED., VOL. 166, NO. 5, NOVEMBER 1, 1987, PP.1484-1498

Witmer-Pack, M.D., et al. "MACROPHAGES, BUT NOT DENDRITIC CELLS, ACCUMULATE COLLOIDAL CARBON FOLLOWING ADMINISTRATION IN SITU", J. Cell Sci. 105:965-973, 1993.

WILLIAMS, ET AL. "ISOLATION AND FUNCTION OF HUMAN DENDRITIC CELLS, INTERNATIONAL REVIEW OF CYTOLOGY", 153:41-103 1994

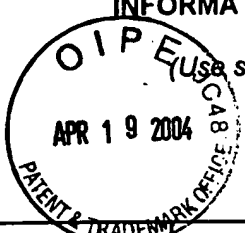
WRAITH, ET AL. "ANTIGEN RECOGNITION IN AUTOIMMUNE ENCEPHALOMYELITIS AND THE POTENTIAL FOR PEPTIDE-MEDIATED IMMUNOTHERAPY", CELL, VOL. 59, PP. 247-255, 1989

WRAITH, ET AL. "INFLUENZA VIRUS-SPECIFIC CYTOTOXIC T-CELL RECOGNITION: STIMULATION NUCLEOPROTEIN-SPECIFIC CLONES WITH INTACT ANTIGEN", IMMUNOLOGY, VOL. 59, PP. 173-180, 1986

YOUNG, ET AL. "DENDRITIC CELLS AS ADJUVANTS FOR CLASS I MAJOR HISTOCOMPATIBILITY COMPLEX-RESTRICTED ANTITUMOR IMMUNITY", J. EXP. MED., Vol. 183, pages 7-11, January 1996

YOUNG, ET AL. "DENDRITIC CELLS STIMULATE PRIMARY HUMAN CYTOLYTIC LYMPHOCYTE RESPONSES IN THE ABSENCE OF CD4 HELPER T CELLS, JOURNAL OF EXPERIMENTAL MEDICINE, VOL. 171, PP. 1315-1332, APRIL 1990

YOUNG, ET AL. "ACCESSORY CELL REQUIREMENTS FOR THE MIXED-LEUKOCYTE REACTION AND POLYCLONAL MITOGENS, AS STUDIED WITH A NEW TECHNIQUE FOR ENRICHING BLOOD DENDRITIC CELLS." CELL. IMMUNOL. VOL. 111, PP. 167-182.

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 2016-4011US2		PARENT APPLICATION SERIAL NO. 08/600,483	
INFORMATION DISCLOSURE CITATION 				APPLICANT(S) RALPH M. STEINMAN, ET AL.			
				FILING DATE (PARENT APPLICATION) February 12, 1996		GROUP ART UNIT 1648	
			YOUNG, ET AL. "IDENTIFICATION OF DENDRITIC CELL COLONY-FORMING UNITS AMONG NORMAL CD34+ BONE MARROW PROGENITORS THAT ARE EXPANDED BY C-KIT-LIGAND AND YIELD PURE DENDRITIC CELL COLONIES IN THE PRESENCE OF GRANULOCYTE/MACROPHAGE COLONY-STIMULATING FACTOR AND TUMOR NECROSIS FACTOR α ." <u>J. EXP. MED.</u> VOL. 182, PP. 1111-1120, OCTOBER 1995.				
			ZHOU, ET AL. "HUMAN BLOOD DENDRITIC CELLS SELECTIVELY EXPRESS CD83, A MEMBER OF THE IMMUNOGLOBULIN SUPERFAMILY", <u>THE JOURNAL OF IMMUNOLOGY</u> , VOL. 154, 1995, PP. 3821-3835				
			ZHOU, ET AL. "CD14+ BLOOD MONOCYTES CAN DIFFERENTIATE INTO FUNCTIONALLY MATURE CD83+ DENDRITIC CELLS." <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 93, PP. 2588-2592, MARCH 1996				
			ZIEGLER, ET AL. "DECREASE IN MACROPHAGE ANTIGEN CATABOLISM CAUSED BY AMMONIA AND CHLOROQUINE IS ASSOCIATED WITH INHIBITION OF ANTIGEN PRESENTATION TO T CELLS", <u>PROC. NATL. ACAD. SCI. USA</u> , VOL. 79, JANUARY, 1982, PP. 175-178				
			ZVAIFLER, ET AL. "IDENTIFICATION OF IMMUNOSTIMULATORY DENDRITIC CELLS IN THE SYNOVIAL EFFUSIONS OF PATIENTS WITH RHEUMATOID ARTHRITIS." <u>J. CLIN. INVEST.</u> VOL. 76, PP. 789-800, AUGUST 1985				
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

M&F REV. 06/29/95